

Utah Weekly Communicable Disease Report

MMWR* Week 10



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases+, compared to an historical 5-year average, week ending March 11, 2017

Disease/Condition	Current Week	5-yr weekly avg‡,§	2017 YTD*	5-yr YTD avg§,*	Trend**
Acinetobacter species resistant to carbapenems	1	U	12	U	U
Campylobacteriosis	4	6.9	64	59.2	→
Chickenpox	0	6.1	36	68.2	↓
Chlamydia	232	161.3	2,017	1,652.6	↑
Coccidioidomycosis	0	1.0	5	9.0	↓
Cryptosporidiosis††	0	1.8	15	19.4	↓
Enterobacter species resistant to carbapenems	0	U	11	U	U
Escherichia coli resistant to carbapenems	0	U	4	U	U
Giardiasis	3	3.2	20	30.8	↓
Gonorrhea	31	20.5	421	223.4	↑
<i>Haemophilus influenzae</i>, invasive disease	1	0.6	13	7.6	↑
Hepatitis B, chronic	9	5.9	63	57.0	→
Hepatitis C, acute	0	0.6	10	5.2	↑
Hepatitis C, chronic	39	30.5	465	305.4	↑
Influenza-associated hospitalization	32	38.4	770	456.8	↑
Klebsiella species resistant to carbapenems	0	U	3	U	U
Legionellosis	0	0.4	2	5.4	↓
Meningitis, aseptic	0	0.5	0	6.2	↓
Meningitis, viral	0	0.4	0	3.0	↓
Pertussis	0	15.0	17	155.8	↓
Rabies, animal	0	0.0	0	0.0	→
Salmonellosis	5	6.5	49	44.8	→
Shiga toxin-producing Escherichia coli (STEC) infection	1	0.9	3	6.0	↓
Shigellosis	0	0.8	6	7.8	↓
Streptococcal disease, invasive, group A	0	2.7	2	29.8	↓
Streptococcal disease, invasive, group B	1	1.8	9	20.0	↓
Streptococcal disease, invasive, other	3	5.8	76	61.4	↑
<i>Streptococcus pneumoniae</i>, invasive disease	2	5.2	38	56.2	↓
Toxic shock syndrome (staphylococcal or streptococcal)	0	0.1	0	3.6	↓

*MMWR week is the week of the epidemiologic year for which the National Notifiable Diseases Surveillance System (NNDS) disease report is assigned according to the Centers for Disease Control and Prevention definition. More information is available at http://www.cdc.gov/nndss/document/MMWR_week_overview.pdf.

+Selected diseases include those for which 12 or more cases were reported in Utah in 2016 and excludes HIV infection, syphilis and tuberculosis.

‡Calculated by summing the counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years. The total sum of counts is then divided by 25 weeks.

§Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

*YTD indicates counts are year-to-date.

**Trend is done by comparing the current year-to-date count to the 5-year year-to-date average. A percent change of 15% or more will result in a change in the trend.

††Recent changes in laboratory practices for Cryptosporidium may account for an increase in cases.

‡‡Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

U: 5-yr average is Unavailable because of changes in communicable disease reporting rules.